



Incident Action Plan MISSION INCIDENT

11/18/2014

Santa Paula, California

1 of 1 ©CTEH

Operational Period #21

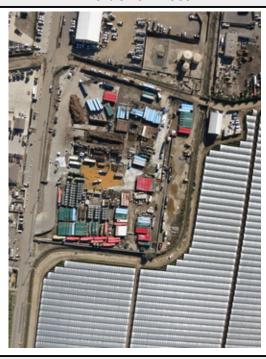
12/10 06:00 - 12/11 06:00

	Incident Action	Plan
Incident:	MISSION INCIDENT	Prepared By: Ashley Reardon
Period:	#21: 12/10 06:00 - 12/11 06:00	Version Name: P021V02 DRAFT

Approved By

Organization	Name	Signature
USEPA	Tom Dunkelman	
Ventura County EHD	Craig Cooper	
RP IC	Jason Guzman	

Incident Photo



Included in Action Plan

Include	Incident Forms	Include	e Period Forms	
€	Include Incident Cover	lacksquare	ICS 202 - Incident Objectives	
	ICS 201-1 - Incident Briefing	∀	ICS 204 - Assignment List(s)	
	ICS 201-2 - Summary of Current Actions	∀	ICS 205 - Communication Plan	
	ICS 201-3 - Organization Chart	∀	ICS 206 - Medical Plan	
	ICS 201-4 - Resource Summary	∀	ICS 207 - Organizational Chart	
	ICS 201-5 - Site Safety and Control Analysis		ICS 208 - Site Safety Plan(s)	
	Reactive Phase Weather Report		ICS 211P - Check In List	
	Reactive Phase Notifications	∀	ICS 230 - Meeting Schedule	
			Weather Report	
		0	ICS 213 - General Message(s)	
		0	ICS 214 - Activity Logs	

Incident Action Plan					
		0	Incident Critique		



	ICS 202: Incident Objectives					
Incident:	MISSION INCIDENT	Prepared By: Ashley Reardon				
Period:	Period: #21: 12/10 06:00 - 12/11 06:00 Version Name: 12/09/2014 22:00 CST					

Objective(s)

· Work Safely

Ensure the health and safety of the public and response and recovery personnel.

· Secure site

Establish site-wide security measures to preserve site integrity and limit unauthorized access to the Site.

• Identify health threats

Identify potential and immediate threats to human health associated with incident cleanup.

• Mitigate health hazards

Work to mitigate the immediate threats to human health and stabilize the site.

• Containerize waste

Containerize regulated wastes appropriately to mitigate immediate threats to human health. Inspect all on site waste containers to identify potential threats or unstable dangerous conditions.

Inventory site containers and waste

Create and manage an inventory of on site waste containers to include tanks, tanker trucks, totes, pits, ponds, roll off bins and drums that may require rapid attention. use this inventory to assist in profiling various waste streams for proper disposal.

Operational Period Command Emphasis

Move 120-barrel from A1 and stage in F2 to await analytical results

Move loader from F2 to E3 for decon

Rinse and swipe test B4

Swipe test B2, B3, B4, and water truck

Swipe, move fire truck from pool and stage in B2, decon, confirmation swipe, and stage for wipe sample

Continue to apply solution to C and D sectors, rinse, and swipe

Maintain roll-off and contaminated PPE from Decon A and Decon C

Maintain 24-hr air monitoring

Maintain security around the site to preserve site integrity

Maintain Air Ops

General Situational Awareness

- ENSURE ALL VEHICLES ARE FACING DIRECTION OF EXIT
- UTILIZE ALL APPROPRIATE PROTECTIVE EQUIPMENT
- KNOW YOUR ESCAPE ROUTES
- ENSURE DECON TEAM IS AWARE OF DECON OBJECTIVES
- DRINK LOTS OF WATER
- ESTABLISH AN AREA OF SAFE REFUGE
- MAINTAIN OBSERVATIONS OF ALL CONTROL ZONES AND ENSURE NO UNAUTHORIZED MOVEMENT BETWEEN THE ZONES
- REPORT ALL ILLNESSES AND INJURIES TO YOUR SUPERVISOR



CTEH CENTER	R FOR TOXICOLOGY				
		ICS 204 - As	signme	nt List	
Incident:	MISSION INCIDE	NT Period:	: #	21: 12/10 06:00 - 12/1	1 06:00
Branch:		Divisio	n / Group: D	econ Units	
Prepared By:	Ashley Reardon	Version	n Name: 1	2/09/2014 22:00 CST	
Unit:	DECON UNITS				
		Tactica	l Objective		
Provide entry direction.	team decontamina	tion processes in ac	cordance wit	ch job hazard analysis	and/or verbal
		Assig	nments		
Personnel wil	l be assigned to des	signated ingress and	d egress loca	tions at the site.	
Maintain roll-	off and contaminat	ed PPE from Decon	A and Decon	C	
		Resource	es Required		
Resour	ce Identifier	Leader	# of Units	Contact	Notes
Decon Team (<u> </u>	Josh Bailey	3	661-340-6156	
		Assignment Pr	ogress and	Issues	
		Locatio	on of Work		
Designated in	gress and egress lo	ocations at the site.			



CTEH CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH, LLC				
	ICS 204 -	Assignmen	t List	
Incident: MISSION INCIL	DENT	Period:	#21: 12/10 06:00 -	12/11 06:00
Branch:		Division / Grou	p: Site Stabilization T	eam
Prepared By: Ashley Reardon		Version Name:	12/09/2014 22:00	CST
Unit: SITE STABILIZA	ATION TEAM			
	Tact	ical Objective		
Mitigate surfaces in accordance	ce with the Release	e Area Stabilizatio	n Plan as assigned.	
	As	ssignments		
Move 120-barrel from A1 and	stage in F2			
Move loader from F2 to E3 for	decon			
Rinse B4				
Move fire truck from pool and	stage in B2			
Continue to apply solution to	C and D sectors			
	Resou	ırces Required		
Resource Identifier	Leader	# of Units	Contact	Notes
SITE STABILIZATION Task Force B	Josh Bailey	11	661-340-6156	
	Assignment	Progress and Is	ssues	

Onsite

Location of Work



CTEH CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH, LLC					
	ICS 204	- Assign	ment List		
Incident: MISSION INCII	DENT 1	Period:	#21: 12/10 06:00	0 - 12/11 06:00	
Branch:]	Division / Grou	p: Planning		
Prepared By: Ashley Reardon	repared By: Ashley Reardon Version Name: 12/09/2014 22:00 CST				
Unit: AIR OPS					
	Ta	actical Object	ive		
Provide aerial imagery as requ	uested by UC or	Operations. M	aintain situational a	wareness at all times.	
		Assignment	5		
Obtain aerial photographs of t	the site several t	times per day,	as appropriate		
Fill out flight checklist for eac	ch flight				
Follow all safety precautions					
Obtain photo and video footag	ge of critical ope	rations, as req	uested.		
	Re	sources Requ	ired		
Resource Identifier	Leade	er # Un	of its Contac	ct Notes	
Copter Pilot	Christopher Thessing	1	501-515-1228	8	
Remote-controlled copter		1			
Remote live feed camera		1			
	Assignme	ent Progress	and Issues		
	L	ocation of Wo	ork		

Onsite



CTEH CENT	ER FOR TOXICOLOGY VIRONMENTAL HEALTH,LLC				
		ICS 204 - A	Assignme	nt List	
Incident:	MISSION INCID	ENT Po	eriod:	#21: 12/10 06:00 - 1	2/11 06:00
Branch:		D	oivision / Group:	Suppression	
Prepared By	: Ashley Reardon	V	ersion Name:	12/09/2014 22:00 CS	ST
Unit:	HAZMAT/SUPPI	RESSION			
		Tactio	cal Objective		
Provide stan	dby fire suppressi		-	ns as designated by O _l	perations Chief.
			signments		
		on capabilities with			
Provide and processes.	maintain equippe	d personnel to make	e entry if necess	ary during release ar	ea stabilization
		Resour	rces Required		
Resou	rce Identifier	Leader	# of Units	Contact	Notes
Suppression	Team	Mike Sokoloff	3	818-414-1980	
		Assignment 1	Progress and I	ssues	
			tion of Work		
		LUCA	HOH OF WOLK		
Designated 1	points of ingress a	nd egress or as assi	gned.		



	ICS 204 - Assignment List					
Incident:	MISSION INCIDENT	Period:	#21: 12/10 06:00 - 12/11 06:00			
Branch:		Division / Group	e: Environmental			
Prepared By: Ashley Reardon		Version Name:	12/09/2014 22:00 CST			
Unit:	ENVIRONMENTAL HEALTH					

Tactical Objective

Provide community and site air monitoring. Provide site post stabilization surface sampling to assess the presence or absence of contaminants. Sample collected stormwater for pH and oxidizers as requested.

Assignments

Continue air monitoring in the surrounding community

Continue air monitoring around site perimeter

Provide site stabilization teams with post-stabilization swipe assessments

Provide site stabilization teams with air monitoring support

Swipe test B2, B3, B4, fire truck, and water truck

Wipe sample as necessary

Resour	reac	Dog	horium
Resou	Ces	Keo	mrea

Resources Required							
Resource Identifier	Leader	# of Units	Contact	Notes			
Environmental Sampling Team	Louis Chacon	2	501-529-7163				
Strike Team 1	Jacob Fenske	2	501-584-8239				
Strike Team 2	Andrew Henault	3	501-366-8818				
Air Monitoring - Community (Days)	Daniel Short	1	501-416-5700				
Air Monitoring - Perimeter (Days)	Alec Scott	1	510-593-0879				
Air Monitoring - Perimeter (Nights)	Lani Dorow	2	719-749-6171				

Assignment Progress and Issues

Share analytical results with the County or other agencies as directed.

Location of Work

The community and in the site as desginated by Operations.



AND ENVIRONMENTAL HEALTH, LLC				
	ICS 204 - A	ssignme	nt List	
Incident: MISSION INCID	ENT	Period:	#21: 12/10 06:00	- 12/11 06:00
Branch:		Division / Grou	p: Chemistry Strike	Team
Prepared By: Ashley Reardon		Version Name:	12/09/2014 22:00	CST
Unit: CHEMISTRY ST	RIKE TEAM			
	Tactio	cal Objective		
Provide technical support to In	cident Managemen	t and Site Stabi	lization Teams.	
	Ass	signments		
Perform HAZCAT as requested				
Conduct efficacy tests				
Oversee stabilization process				
Collect samples from the D2 pe	ool as requested			
	Resour	ces Required		
Resource Identifier	Leader	# of Units	Contact	Notes
Chemistry Strike Team	Randall Woodlee	2	615-504-3484	
	Assignment l	Progress and I	ssues	
	Locat	tion of Work		
On Site/HazCat Tent				



CTEH CENTER FOR TOXICOLOGY AND ENVIRONMENTAL HEALTH, LLC				
	ICS 204 - As	ssignmer	nt List	
Incident: MISSION INCID	- DENT	Period:	#21: 12/10 06:00	- 12/11 06:00
Branch:		Division / Gro	oup: Coast Guard Stri	ke Team
Prepared By: Ashley Reardon		Version Name	e: 12/09/2014 22:00) CST
Unit: COAST GUARD	STRIKE TEAM			
	Tactica	al Objective		
Monitor site operations as nee	ded by the USEPA FO	OSC.		
	Assi	gnments		
Provide safety support to the 1	JSEPA FOSC as requ	ested.		
	Resource	es Required		
Resource Identifier	Leader	# of Units	Contact	Notes
USCG Safety	Cody Staneart	2	510-289-0780	
	Assignment P	rogress and I	ssues	
	Locati	on of Work		
Onsite				



CTE	H C	ENTER FOR TO	OXICOLOGY AL HEALTH, LLC									
			ICS 205: C	Commun	icatio	n]	Plan					
Incid	ent:	MISSIC	ON INCIDENT		Prepared	d By	: Ash	lev Re	ardon			
Perio	٩٠ 		2/10 06:00 - 12/11 06:00		Version 1					CST		
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				Radio Listin	igs T		Г		<u> </u>			
Zone Grp.	Ch #	Function	Channel Name / Trunked Radio Syst	em Talkgroup	Assignm	ent	RX Freq N or W	RX Tone / NAC	TX Freq N or W	TX Tone / NAC	Mode (A, D or M)	Remarks
Ops	1		Patriot Channel 1		Operation	s	462.475	141.3	467.475	141.3		
				Phone Listir	nas							
	Na	me	Title	Phone	Radio	I			Email			Other
Alec G			Documentation Unit Lead	702-419-1306		ale	c@alecgo	nzales				
		nbotham	Decon Branch Manager	501-240-6071		+	gginbotha					_
Andre			Air Sampling Unit Lead	501-240-6071		+	enault@ct					
						+						+
Ashley Ben Ca			Planning Section Chief	501-247-6691		+	ardon@ct			no ===		
			START C'h Cafala Officia	818-371-5388		+			stonsolutio	ons.com	1	_
Brad F			Site Safety Officer	805-234-3523		bra	dhouchin	@notm	ail.com			
Chris			Security Unit Lead	805-620-2598								
Chris 7			Air Ops Leader	501-515-1228		cth	essing@c	teh.con	n			
Cody S			Coast Guard Strike Team Safety Lead	510-289-0780								
Craig			Ventura County EHD	805-218-4736		+	craig.cooper@ventura.org					
Curtis Vorhees Safety Officer		· · · · · · · · · · · · · · · · · · ·	661-340-6139		cvorhees@patriotenvironmental.com							
Dave Mosley Operations Section Chief		661-340-7177	_	dm	dmosley@patriotenvironmental.com							
David	Ramo	os	Finance Section Chief	805-755-3300		dramos@patriotenvironmental.com						
Don Li	nville	Э	Deputy Safety Officer	828-707-4473		dlinville@cteh.com						
Glenn	Austi	in	Ventura County EHD	805-901-8270		gle	nn.austin	@ventu	ra.org			
Jacob 1	Fensk	ce	Environmental Sampling Branch Mgr	501-584-8239		jfeı	nske@ctel	h.com				
Jared V	Weiss	enbach	Finance Section Chief	714-403-6514		jW€	eissenbacl	h@patr	iotenviron	mental	.com	
Jason (Guzm	ian	RP Incident Commander	805-755-3322	: 0	jgu	zman@pa	trioten	vironment	al.com		
Jon Co	lomb	ı	START		0	jon	athon.col	omb@w	estonsolu	tions.co	om	
Josh B	ailey		Decon Group 1 Supervisor	661-414-9075								
Josh B	lanse	tt	Situation Unit Leader	901-573-5613	3 0	jbla	nsett@ct	eh.com				
Josh R	odrig	uez	Supply Unit Lead	661-340-9692	. 0							
Kent C	reigh	nton	Planning Section Deputy Chief	562-310-6969		kcr	eighton@	patriot	environme	ental.co	m	
Kyle L	awrei	nce	Operations Deputy Chief	501-366-2698	3 0	kla	wrence@@	cteh.co	m			
Marga	ret W	Valdon	FOSC	415-940-1109	0	wa	ldon.marg	garet@e	epa.gov			
Mario	Pena		Staging Area Unit Lead	805-755-3741								
Mark I	Miller	r	Transportation Supervisor	562-244-1929								
Martin	Pow	ell	FOSC	562-760-7028	B 0	pov	vell.marti	n@epa.	.gov			
Randa	ll Wo	odlee	Sr Chemist	615-504-3484	. 🗆							
Rich Y	ukihii	ro	Cost Unit Lead	562-244-2764	. 🗆							
Robert	t Mar	tinez	Support Unit Lead	805-755-3718	3 0							
Rocky	Schw	vartz	Decon Group 2 Supervisor	909-217-2028	3 0							
Sam H	lead		Environmental Sampling Unit Lead	501-707-7256	5 0	she	ad@cteh.	.com				
Tom D	unkel	lman	FOSC (Current)	775-721-4712	. 0	dui	nkelman.t	om@ep	a.gov			_
Will Ca	anto		Disposal Branch Director	562-244-5108	3 0	wc	anto@pat	riotenv	ironmenta	l.com		_
			Ado	litional Com	ments	<u> </u>						



ICS 206: Medical Plan Incident: MISSION INCIDENT Prepared By: Ashley Reardon

Period: #21: 12/10 06:00 - 12/11 06:00 | Version Name: 12/09/2014 22:00 CST

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Name	Location	EMT On Site	Phone	Radio		
MED496	Briggs & HWY 126	Yes				

Transportation (Ground and/or Air Ambulance Services)

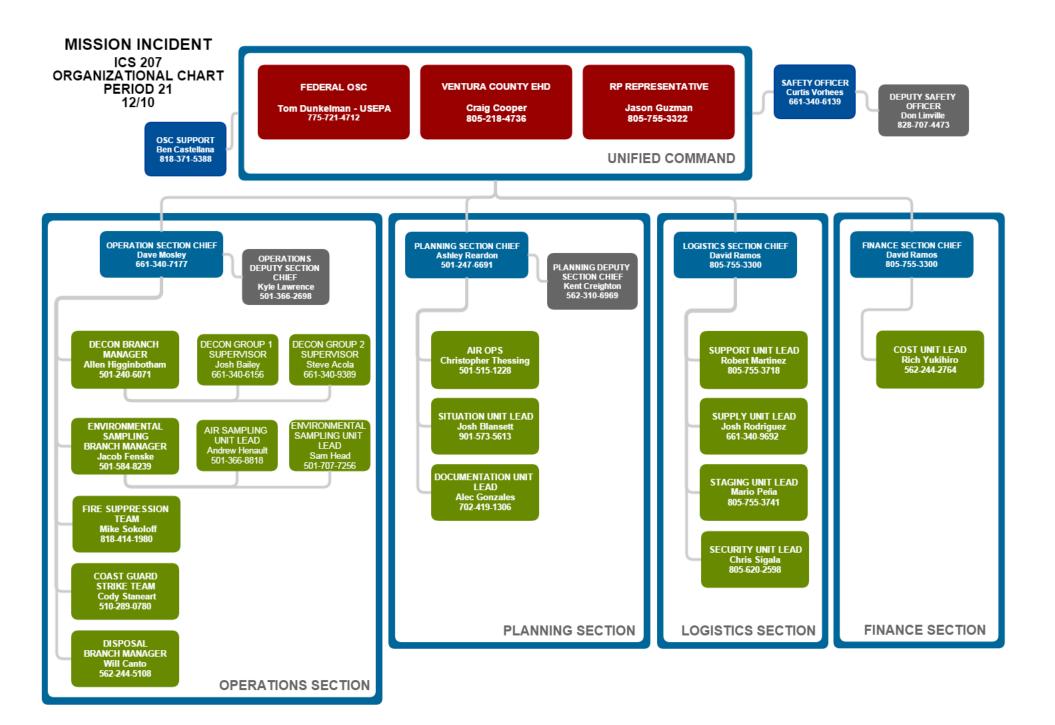
Name	Location	Paramedics	Phone	Radio
AMR Ambulance Service	616 FITCH AVE, MOORPARK, CA	Yes	805-517-2028	

Hospitals

Name	Location		Helipad	Phone	Radio
Santa Paula Hospital - 8min	825 N 10th st, Santa Paula, CA	No	Yes	805-933-8600	
VCMC - 15min	3291 Loma Vista, Ventura, CA	No	Yes	805-652-6000	
St John's Hospital - 22min	1600 N Rose Ave, Oxnard, CA	No	No	805-988-2500	
Los Robles Hospital - 32min	215 W Janss, THousand Oaks, CA	No	No	805-497-2727	_

Special Medical Emergency Procedures

CONTACT IMMEDIATE SUPERVISOR IF INJURED OR EXPERIENCING SYMPTOMS OF EXPOSURE. UTILIZE COMMAND CHANNEL TO REQUEST ASSISTANCE. If Immediate EMS needed, paraphrase radio traffic with "Emergency Traffic". Provide the following Info: Type of injury, Location, Number of victims, agency of victim, point of contact, staging location for EMS response and if hazmat entry/decon required.





ICS 230: Daily Meeting Schedule						
Incident: MISSION INCIDENT			repared By: Ashley Reardon			
Period: #21: 12/1	0 06:00 - 12/11 06:	00 V	Version Name: 12/09/2014 22:01 CST			
Meetings						
Meeting Name	Date / Time	Purpose	Attendees	Location		
Operations/Safety Briefing	12/10/2014 07:00 CST		All day shift			
Planning Meeting	12/10/2014 17:00 CST		Command Staff			

Google

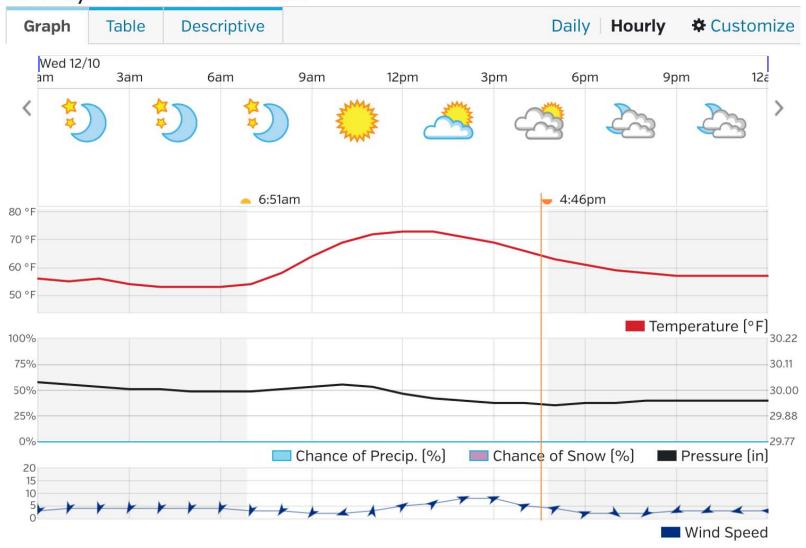
More Conditions

Waning Gibbous, 87% visible

10-Day Weather Forecast

Sun & Moon

6:51 am 4:46 pm



Torrance

Map data ©2014 Google, INEGI Terms of Use



Project: 106846 Client: Patriot Environmental City: Santa Paula, CA County: Ventura



Project: 106846 Client: Patriot Environmental City: Santa Paula, CA County: Ventura



HEALTH AND SAFETY MESSAGE

SAFETY starts with **YOU**

We are **ALL** accountable for **SAFE** behaviors

INCIDENT: MISSION DATE: November 22, 2014 TIME: 0800-1800

Narrative:

Don't let your guard down and pay strict attention to your overall objectives. Brief all those involved any time there is a deviation from the plan or dangerous situations. Ensure site safety plan is completed and the appropriate PPE is utilized for the task assigned. Stay alert and don't become complacent! Obey hazard control lines. Communicate and coordinate with all agencies involved with the plan. Drink plenty of water during your shift and pace yourself.

SAFETY PRACTICE AND PROCEDURES TO MINIMIZE RISK

- ENSURE ALL VEHICLES ARE FACING DIRECTION OF EXIT
- UTILIZE ALL PROTECTIVE EQUIPMENT
- KNOW YOUR ESCAPE ROUTES
- ENSURE DECON TEAM IS AWARE OF DECON OBJECTIVES
- DRINK LOTS OF WATER

- ESTABLISH AN AREA OF SAFE REFUGE
- ENSURE INJURED OR EXPOSED INDIVIDUALS ARE DECONTAMINATED PRIOR TO DEPARTURE FROM SITE
- MAINTAIN OBSERVATIONS OF ALL CONTROL ZONES AND ENSURE NO UNAUTHORIZED MOVEMENT BETWEEN THE ZONES
- REPORT <u>ALL</u> ILLNESSES AND INJURIES TO YOUR SUPERVISOR

Incident Safety Officer: Michael G Valley

Mission Incident Operations Plan

Operational Period: 21
Date: December 10, 2014

Operation Description: Ongoing stabilization of walking/working surfaces and chemical hazard identification

Task 1: Move Equipment on Site for Staging

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Move 120 bbl Truck and From A1 to F2 and Stage.	1 Driver1 Operator1 front end loaderSpotter	JHA prior to entrance
2.	Move front loader from F2 to E3 for Decon	• 1 Operator	

Task 2: Confirmation Swipe Tests

Step	Procedure Described	Primary Resources	Safety Procedures
1.	In B2, B3, B4 and the water truck parked in B2, swipe tests will be collected from representative areas on the walking/working surfaces to monitor for oxidizers and pH.	Air monitorpH and oxidizer strips	 Liquid splash, flash fire protection and respiratory protection JHA prior to entrance RIT Team

Document	Organization	Section	Electronic Filename
Operations Plan	СТЕН	ER	106846 Release Area Stabilization Operations Plan 2.0.doc

Task 3: Removal of D2 Fire Truck to B2 for Testing, Decon, Sampling and Staging

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Oxidizer and pH swipe tests will be collected from the fire truck surface to test for site materials All tests performed will be logged by the CTEH technician and recorded electronically with GPS location and time/date stamp. Once treated and tested with favorable results, the fire truck will be moved from D2 to B2.	 Air monitor pH and oxidizer strips 1 Operator Frontend loader 	 Liquid splash, flash fire protection and respiratory protection JHA prior to entrance RIT Team
2.	After the sodium sulfite solution has been applied, the fire truck will be rinsed with pressure washers.	1 Pressure washerWater truck2 technicians	
3.	Once the fire truck is swipe tested again with favorable results, it will be staged for analytical sampling.	Air monitorpH and oxidizer strips1 Operator	

Document	Organization	Section	Electronic Filename
Operations Plan	СТЕН	ER	106846 Release Area Stabilization Operations Plan 2.0.doc

Task 4: Complete Application of Sodium Sulfite Solution in all C and D Sectors to Walking/Working Surfaces

Step	Procedure Described	Primary Resources Safety Procedures
1.	Walking/working surfaces in all C and D sectors will be treated with sodium sulfite solution. Prior to entry into all C and D sectors, the solution will be applied.	 2 Technicians Water truck Air monitor JHA prior to entrance
3.	After the solution has been applied, the walking/working surfaces will be rinsed with pressure washers. All dirt and debris will be rinsed free from the work area into the pool located in D2.	 2 Technicians Air monitor Pressure washers RIT Team Vitals check pre and post entry
4.	Once the walking/working surfaces in C and D have been rinsed free of any observable debris, swipe tests will be collected from representative areas on the walking/working surfaces to monitor for oxidizers and pH.	 2 Technicians Air monitor Swipe and pH test strips

Document	Organization	Section	Electronic Filename
Operations Plan	СТЕН	ER	106846 Release Area Stabilization Operations Plan 2.0.doc

Task 5: Identification of Site Materials and Hazardous Substances in D2

Step	Procedure Described	Primary Resources	Safety Procedures
1.	Continue collecting samples in D and C as necessary and analyze using HazMat ID and other bench top testing procedures. If warranted, samples may be submitted to an off-site laboratory for subsequent analysis.	 1 HazCat kit 2 Technicians pH and oxidizer strips. 	 Liquid splash, flash fire protection and respiratory protection JHA prior to entrance RIT Team Fire suppression Vitals check pre and post entry Five-point harnesses anchored to the man-lift railing

Approved as part of this IAP.

Document	Organization	Section	Electronic Filename
Operations Plan	СТЕН	ER	106846 Release Area Stabilization Operations Plan 2.0.doc